



Machinery for the Woodworking, Stone,
Glass, Plastic, and Metalworking Industries



Date : 04/24/2024 - 8:01 AM *
EXF # : LC-300050
Category : LATHES & CARVERS
Brand / Model : LOCATELLI "MK CNC"
Machine Type : CNC CONTROLLED LATHE
Year of Mfg. : 2024
Condition : Brand New w/Warranty
Elect / Voltage : 230/460/575 V, 60 Cy, 3 Ph
Special Note :

FOB / Region : ITALY
Appr. Repl. Cost. : €0
Price : €0 *
Comment : LOCATELLI, the pioneer of Copy Lathes is also your
Leasing : Call for Quote



Please ask me

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* Pricing is valid at the time of printing and subject to change at any time.

Description :

- **LOCATELLI MULTIMATIK (MK) CNC, ...Fully Automatic (6) Axes CNC Lathe With Hopper Feed.**
- **Axis Configuration: 4-Axes (A-U-V-W) CNC controlled knife movement**, controlled by Servo motors paired with ground recirculating ball screws with preloaded lead nut; asynchronous air-cooled spindle motor **C-Axis** controlled; **Z-Axis** for **longitudinal carriage travel of 63" (16,00 mm)**.
- **CNC Controller/Software:** Reliable **OSAI Controller**. Latest version of **CAD-CAM Software type GEOR.TL** (PC not included). Generated CNC programs are fed via inherent postprocessor in a G-code format which are easily interpreted by the machine controller. Specifically designed with the benefit of extensive experience in production woodturning. Intuitive interface which is easily learned. CNC programs are interactive allowing independent axes to perform different machining operations simultaneously. Flexible on-the-fly inputting makes it possible to program profiled tools in (3) different modes: a.) when blanks are loaded, b.) between working passes, 3.) before the end of working cycle.
- **General Data:**
Max. length: 63" (1,600 mm). Other lengths available upon request.
Max. & Min. diameters: **11.8" (300 mm) & 0.395" (10 mm)**.

Sales - Liquidations - Auctions - Appraisals - Consulting

EX-FACTORY INC.: 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068
Warehouse & Showroom: 8191 Logistic Drive, Suite E | Zeeland, MI USA | Ph +1 616.772.1520 | Fax 704.644.8328



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Max. square stock in auto. cycle **8.27" x 8.27" (210 mm)**. In semiautomatic mode max. is 11.8" (300 mm) squares.

Spindle Motor: **C-Axis 8.5 kW (11.5 HP)**, 1,500 - 6,000 RPM with constant power (asynchronous).

YASKAWA VFD drive.

Spindle Speed: 0 - 8,000 RPM.

Longitudinal carriage **Z-Axis**: Max speed 165 FPM (50 MPM).

Spindle coupling: 30 x 60 mm (1.18" x 2.36").

Transverse carriage stroke: 7.1" (180 mm).

Longitudinal axis screws: 40 mm dia. & 20 mm pitch (1.57" & 0.79").

Transverse screws: 20 mm dia. & 5 mm pitch (0.79" & 0.199").

Tailstock sleeve: 3.15" (80 mm) dia.

Tailstock sleeve stroke: 1.57" (40 mm).

Tailstock coupling: #3 MORSE Taper.

Machine Weight 14,960 Lbs, 6,800 Kg,

- **Standard Features:**

- **Automatic Hopper Feed.**

- (4) **Traverse Axes, A-U-V-W (2 front & 2 rear, allows 4 times material removal and opposing for min. vibration)**. Max. speed of 65 FPM (20 MPM) Additional axes allows mounting of aggregate units. ie.

- Helical/Twist, Fluting, Sanding, etc.

- Fully automatic CNC controlled tailstock positioning based on programmed parameters. Hydraulic advance sleeve. Mechanical locking and hydraulic unlocking.

- (4) Suction hoods.

- (4) HSS Gouges.

- (2) Drives for ejectors.

- (2) Tailstocks with ejectors.

- (1) Tenon tool (Backknife), choice of width per order.

- Hydraulic power pack with high quality modulating & solenoid valves, electronically controlled.

- **Highlights and Unique Features:**

- 1. Tilted carriage table for ease of operator access.

- 2. **OSAI Advanced Numerical Controller** with: Electronic cam and ISO programming on several independent axes allow maximum flexibility & reliability.

- 3. All **(4) axes are independent**. – There are no limitations in programming; machine has little limitations.

- 4. **Tailstock changes position automatically**. – Setup time is a matter of a few minutes!

- 5. Very easy and intuitive software (G codes).

- 6. Transverse axes are opposing to reduce vibrations.

- **Additional Automation Optional Features:** To further increase production over and above the standard features. Multi-station tool holder turret (V.3); Drilling unit on spindle; Helical (Twist) milling and/or Grooving (Fluting) unit; Centering unit on spindle; Sanding unit.

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- Voltage to be specified with order.
- Price is ExWorks secured on pallet, enclosed/sealed in appropriate plastic cover & into O.T..container ..
- **Optional items**, please add: (Prices for optional items to be verified & confirmed)
 1. Centering steady rest on the spindle (for turning stair posts, it aligns blanks perfectly) € 4.980.
 2. Axial drilling group (spindle side) € 4.980.
 3. Cylindrical milling group, fitted on one of the axis € 7.650.
 4. Helical milling group, fitted on one of the axis € 12.900.
 5. Steady Rest for square 2-1/4" (57 x 57 mm), approx. 3.15" (80 mm) dia.. € 1.410.
 6. Steady Rest for square 3.15" (80 x 80 mm), approx. 4.33" (110 mm) dia. € 1.570.
 7. Steady Rest for square 4.33" (110 x 110mm, 5-1/2" (140 mm) dia. € 1.730.
 8. Sanding attachment with sanding belt € 4.300.
 9. Each additional axis € 480.
 10. Conveyor belt € 3.970.
- **NOTE:** BASEBALL BATS Manufacturers (LOWER COST MODEL).
This version is ideal for bats and being used by some of the larger baseball manufacturers. (Some have opted for the above standard machine, even with sanding belt attachment.)
- The special version for BASEBALL BATS manufacturers is equipped with:
 - (1) Fixed Gouge
 - (2) Axes only
 - (1) Steady Rest assembly for 57 x 57mm.For this version (ExWorks) deduct ...Euro 5.900.

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